| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S92 | 31 | 701/117 and ((transmitter or receiver or transceiver) same (encoder or decoder)) and traffic | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 10:15 |
| S93 | 22 | ("3634866" \| "3787845" \| "3891966" \| "4908615" \| "4996716" \| "5014052" \| "5235316" \| "5339075" \| "5347273" \| "5471214" \| "5493291" \| "5611406" \| "5627510" \| "5819198" \| "5841367" \| "5847661" \| "5889475" \| "6008740" \| "6016458" \| "6064319" \| "6246948" \| "6426706").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/15 15:33 |
| S94 | 874 | ((transmitter or receiver or transceiver) same (encoder or decoder)) and traffic.clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 16:05 |
| S95 | 835 | 701/117 and traffic | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 16:05 |
| S96 | 31 | S95 and ((transceiver or transmitter or receiver) same (encoder or decoder)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 16:53 |
| S97 | 14 | ("4006447" \| "4812843" \| "4887308" \| "5131020" \| "5193214" \| "5572201" \| "5719771" \| "5774827" \| "5808566" \| "5835026" \| "5848373" \| "5850190" \| "5864305" \| "5884216").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/15 16:19 |
| S98 | 7 | ("4380821" \| "5020143" \| "5173691" \| "5465088" \| "5848354" \| "6018649" \| "6173165").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/15 16:53 |
| S99 | 1477 | 340/905 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/15 16:53 |
| S100 | 49630 | ((transceiver or transmitter or receiver) same (encoder or decoder)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 16:53 |

| S101 | 139 | S99 and S100 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 17:01 |
|---|---|---|---|---|---|---|
| S102 | 4 | (traffic near1 center) and (transmitter with encoder) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 17:02 |
| S104 | 162 | (traffic same (transmitter with encoder)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 14:41 |
| S105 | 24 | S104 and (len$1 or "diffraction grating") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 14:34 |
| S106 | 31 | (traffic with communication) and (transmitter with "light emitting diode") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 14:34 |
| S107 | 2 | S104 and ((emitting near1 diode) or (emitting near1 laser) or (vertical near3 laser)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 14:42 |
| S108 | 123 | (transmitter near4 ("emitting diode" or "emitting laser")) and (transmitter near4 (lens or "diffraction grating")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 10:37 |
| S109 | 0 | traffic and ("emitting diode" near5 lens near5 "diffraction grating") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 10:37 |
| S110 | 0 | traffic and ("emitting diode" near5 lens) and "diffraction grating" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 10:38 |
| S111 | 121 | traffic and ("emitting diode" near5 lens) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 10:53 |

| S11 2 | 0 | traffic and ("emitting diode" near5 lens) and (transmitter near5 diode) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 10:53 |
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| S11 3 | 9 | traffic and ("emitting diode" near5 lens) and transmitter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 10:55 |
| S11 4 | 11159 | (traffic near2 communication) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 10:55 |
| S11 5 | 13365 | (traffic near2 (devices or apparatus or light)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 10:57 |
| S11 6 | 729 | ((traffic near2 signal) same ("emitting diode" or lens or "diffraction grating")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 10:58 |
| S11 7 | 6 | S114 and S115 and S116 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 11:06 |
| S11 8 | 417 | ((traffic near2 light) same (transmitter or transceiver)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 11:13 |
| S11 9 | 61 | S118 and ("emitting diode" nea4 lens) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 11:07 |
| S12 0 | 2889 | traffic and camera and transmitter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 11:13 |
| S12 1 | 41 | S118 and S120 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 11:13 |

| S12 2 | 19 | (traffic same (optical near2 transmitter)) and (emitting near1 diode) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 12:38 |
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| S12 3 | 1882 | ((optical adj1 transmitter) same (diode or "emitting diode")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 12:38 |
| S12 4 | 455 | S123 and lens | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 12:38 |
| S12 5 | 19 | S124 and traffic.bsum. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 12:40 |
| S12 6 | 416 | "optical transmitter" and "vertical cavity surface emitting laser" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 12:59 |
| S12 7 | 21 | "optical transmitter" and "vertical cavity surface emitting laser" and lens and "diffraction grating" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 13:06 |
| S12 8 | 21 | "optical transmitter" and "vertical cavity surface emitting laser" and lens and "diffraction grating" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 13:07 |
| S12 9 | 175 | traffic same "optical transmitter" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 13:07 |
| S13 0 | 3 | S129 and "vertical cavity surface emitting laser" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 13:16 |
| S13 1 | 23 | S129 and (lens or "diffraction grating") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 13:08 |

| S13 2 | 16 | ("vertical cavity surface emitting laser" same (lens with diffraction)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 13:19 |
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| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 43 | (optical near1 transmitter) and (encoder with wavelength) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/22 08:58 |
| S1 | 252 | (optical near1 transmitter) and (("emitting diode" or "vertical cavity surface emitting laser") same (lens or diffract$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 13:26 |
| S3 | 759 | (optical adj1 transmitter) and diffraction | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 14:15 |
| S4 | 9 | S3 and traffic.clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 13:38 |
| S5 | 248 | traffic and (receiver near3 (roof or windshield or hood or headlight or tailight or bumper or trunk or hubcap or "rearview mirror" or "side view mirror" or "marker light")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 14:17 |
| S6 | 116 | traffic.bsum. and (receiver near3 (roof or windshield or hood or headlight or tailight or bumper or trunk or hubcap or "rearview mirror" or "side view mirror" or "marker light")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 14:26 |
| S7 | 18 | ((transmitter with encod$3) same (pulse near1 code)) and (duty near1 cycle) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 14:42 |
| S8 | 0 | (transmitter with encod$3) and ((pulse near1 code) near4 dimming) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 14:42 |
| S9 | 0 | (transmitter with encod$3) and (pulse near1 code near1 dimming) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 14:43 |

| S10 | 952 | (transmitter with encod$3) and (duty near1 cycle) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 14:43 |
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| S11 | 54 | S10 and "optical transmitter" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 15:30 |
| S12 | 27 | (transmitter with (pulse near1 code)) and (pulse near5 "duty cycle") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 15:44 |
| S13 | 7 | ((pulse adj1 code) same (duty adj1 cycle)) and encoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 15:47 |
| S14 | 0 | (optical near1 transmitter) and ((encod$3 with "pulse code") same ("pulse code" with "duty cycle")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 15:48 |
| S15 | 14 | (optical near1 transmitter) and (encod$3 with "pulse code") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 16:00 |
| S16 | 34 | (optical near1 transmitter) and (red or yellow) and "vertical cavity surface emitting laser" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 16:23 |
| S17 | 502 | (optical near1 transmitter) and "vertical cavity surface emitting laser" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 16:49 |
| S18 | 25 | S17 and (traffic near2 (data or signal)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 16:24 |
| S19 | 144 | (transmitter with (diffraction near1 grating)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 17:01 |

| S20 | 489 | (optical near1 transmitter) and (diffraction near1 grating) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 17:18 |
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| S21 | 19 | ((optical near1 transmitter) and (diffraction near1 grating)).ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 17:51 |
| S24 | 0 | (optical near1 transmitter) and (wavelength same ("pulse code" with "duty cycle")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/22 08:40 |
| S25 | 0 | (optical near1 transmitter) and ("pulse code" with "duty cycle") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/22 08:40 |
| S26 | 0 | (optical near1 transmitter) and ("pulse code" near5 "duty cycle") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/22 08:40 |
| S27 | 6 | transmitter and ("pulse code" near5 "duty cycle") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/22 08:57 |